CLAIMS

1. A glass-ceramic plate, intended especially for covering heating elements and provided on at least one face with at least one enamel patch and/or at least one coat of paint.

2. The glass-ceramic plate as claimed in claim 1, characterized in that the plate is provided with at least one enamel patch and/or at least one coat of paint over an area representing at least 40% of the surface of a face and with the exception, where appropriate, of functional and/or decorative areas.

3. The glass-ceramic plate as claimed in either of claims 1 and 2, characterized in that it is based on a transparent or translucent glass-ceramic and in that it is provided with at least one coat of paint on its lower face, and preferably with a single coat of paint, whether white or colored, over most of said face, with the exception, where appropriate, of functional and/or decorative areas.

4. The glass-ceramic plate as claimed in one of claims 1 to 3, characterized in that the paint has a degradation temperature greater than 350°C and optionally includes pigments, preferably pigments for enamels.

5. The glass-ceramic plate as claimed in one of claims 1 to 4, characterized in that the paint is based on silicone resin(s) and preferably comprises one or more silicone alkyd resins.

6. The glass-ceramic plate as claimed in one of claims 1 to 5, characterized in that it is provided with an enamel patch on its upper face,

and preferably with a single colored enamel patch covering most of said face with the exception, where appropriate, of functional and/or decorative areas, the thickness of the enamel patch being preferably less than 5 µm.

7. The glass-ceramic plate as claimed in one of claims 1 to 6, characterized in that the plate is based on a glass-ceramic having a non-zero expansion coefficient, in particular an expansion coefficient of less than $15 \times 10^{-7}\ K^{-1}$.

8. Glass-ceramic plates according to one of claims 1 to 7, characterized in that the plate is based on a transparent or translucent glass-ceramic.

9. The glass-ceramic plate as claimed in one of claims 1 to 8, characterized in that the plate is based on a glass-ceramic of light color, for example white or cream in color, having for example an L* value of between 82 and 87, an a* value of between -3.0 and -0.5 and a b* value of between -4.0 and +4.0.

10. The glass-ceramic plate as claimed in one of claims 1 to 9, characterized in that the plate is based on a glass-ceramic obtained from a glass having the following composition expressed in percentages by weight:

SiO_2	63-70
Al_2O_3	18-22
Li_2O	2.5-4.5.

11. The glass-ceramic plate as claimed in one of claims 1 to 10, characterized in that the plate is based on a glass-ceramic having a haze of at least 50% and preferably less than 98%.

12. The glass-ceramic plate as claimed in one of claims 1 to 11, characterized in that the plate is based on an underceramized glass-ceramic.

13. The glass-ceramic plate as claimed in one of claims 1 to 12, characterized in that it has uncoated areas in its coating, for example in the regions intended for facing the displays.

14. The glass-ceramic plate as claimed in claim 13, characterized in that it is also coated on its lower face with at least one coat of an index resin in the regions intended to face the displays.

15. The glass-ceramic plate as claimed in one of claims 1 to 14, characterized in that it is intended to be combined with underlying induction heating elements.

16. A process for manufacturing a plate as claimed in one of claims 1 to 15, in which at least one glass plate ceramization cycle is carried out, at least one of the faces of the plate being coated with at least one enamel patch before the ceramization cycle and/or with at least one coat of paint after the ceramization cycle.

17. The process as claimed in claim 16, characterized in that a glass composition making it possible to obtain a plate having a haze of at least 50% is used and the ceramization cycle making it possible to obtain said plate, by lowering however the ceramization hold temperature by 10 to 60°C, is applied.

18. The process as claimed in either of claims 16 and 17, characterized in that the coat or coats are baked, either during the ceramization cycle in the

case of the enamel or after the ceramization cycle in the case of the paint, by subjecting the paint-coated glass-ceramic plate to a heat treatment at temperatures of between approximately 80 and 450°C for a few tens of seconds to a few tens of minutes, it being possible optionally for an index resin to be deposited after ceramization and possibly after baking of the paint on the plate in the uncoated areas at the place of the displays, this resin being possibly dried in the open air.

19. A device for cooking and/or holding at high temperature, comprising a glass-ceramic plate as claimed in one of claims 1 to 15 and one or more heating elements, such as a radiant or halogen element, and/or one or more air/gas burners and/or one or more induction heating means.

20. The device as claimed in claim 19, characterized in that the plate is mounted on the insulating support without an intermediate complex intended for masking the inside of the appliance from the user's view.